

IN THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in this application.

1 to 11. (CANCELLED)

12. (CURRENTLY AMENDED) A trash box comprising a trash storage part storing a trash; and a packaging device disposed on an upper side of said trash storage part,

~~wherein the packaging device according to claim 1 is disposed on an upper side of said trash storage part, whereby the trash as an object for disposal which is put in from an inlet provided in the packaging device is allowed to be sealingly packed between the films and to be stored in the trash storage part~~

wherein said packaging device comprises:

a frame member having an inlet through which an object for disposal is deposited;

two film feed rollers roatably provided in said frame member to be parallel to each other and to be a predetermined distance apart from each other;

two film pull-out rollers provided in said frame member, rotating to pull out films from said respective film feed rollers, and arranged in parallel to each other, with circumferential surfaces thereof being in contact with each other via the pulled films in a normal state; and

a driving part rotating said film pull-out rollers,

wherein the film rolled around at least one of said film feed rollers is an adhesive film having an adhesive layer formed on a whole surface facing the other film,

wherein at least one of said film pull-out rollers includes a circumferential surface that is elastically deformed along a shape of the object for disposal when the object for disposal passes between said film pull-out rollers, and

wherein, when the object for disposal is received between said film feed rollers and the film pull-out rollers rotate by being driven by said driving part, at least one of said film pull-out rollers is elastically deformed due to the object for disposal, and when the object for disposal passes between the film pull-out rollers, portions of the films around the object for disposal come into close contact with each other and a plurality of the objects for disposals each being in a sealingly packed state are continuously stored in said trash storage part, and by a pulling force that is generated by the film pull-out rollers when the film pull-out rollers are driven by said driving part, a new object for disposal individually sealingly packed is stored so as to be pushed against the objects for disposal already stored in the individually sealingly packed state in the trash storage part.

13. (ORIGINAL) The trash box according to claim 12, wherein a width of said trash storage part along a longitudinal direction of the film feed rollers is substantially equal to a width of the films fed from the film feed rollers.

14-15. (CANCELLED)

16. (NEW) The trash box according to claim 12, wherein said driving parts are provided in correspondence to said film pull-out rollers respectively, and said film pull-out rollers are rotary driven together by said driving parts.

17. (NEW) The trash box according to claim 12, wherein said at least one film pull-out roller including the circumferential surface that is elastically deformed in accordance with the passage of the object for disposal includes sponge or rubber supported by a rotary shaft.

18. (NEW) The trash box according to claim 12, wherein, in the normal state, said film pull-out rollers are biased by an elastic member in approaching directions, and when a load with a predetermined magnitude or larger works in a direction so as to make said film pull-out rollers apart from each other, at least one of said film pull-out rollers becomes apart from the other.

19. (NEW) The trash box according to claim 12, further comprising a detecting means for detecting whether or not the object for disposal is positioned between the pulled films in a space between said film feed rollers and said film pull-out rollers,

wherein, when detecting the object for disposal, said detecting means outputs a driving signal to the driving part rotating said film pull-out rollers.

20. (NEW) The trash box according to claim 12, wherein two or more packaging devices and said trash storage parts are provided.

21. (NEW) The trash box according to claim 12, wherein said packaging device has a plurality of the inlets, and said film rollers and said film pull-out rollers are provided in correspondence to each of the inlets.